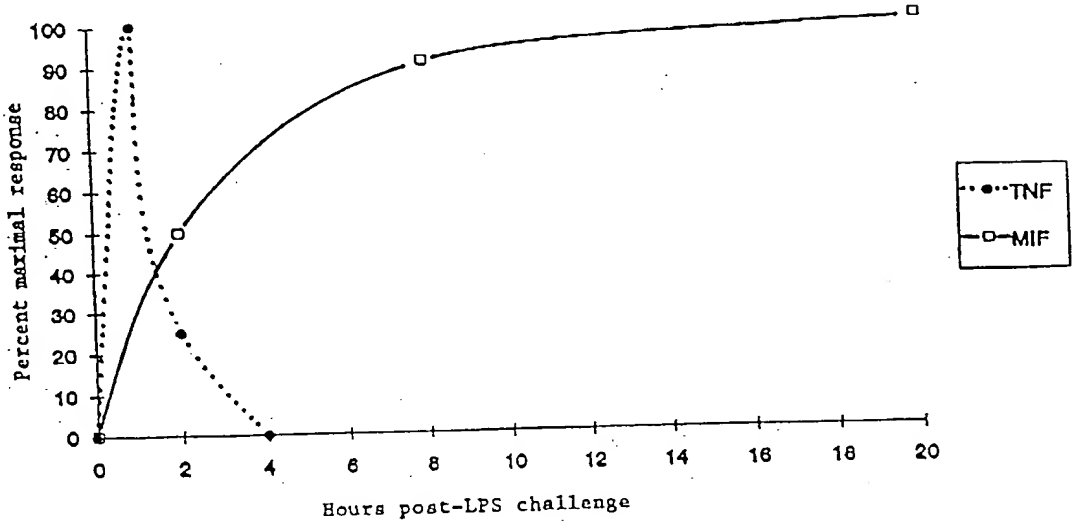


FIG. 1

```
                10        20        30        40        50        60
mmif    ATGCCTATGTTCATCGTGAACACCAATGTTCCCCGCGCCTCCGTGCCAGAGGGGTTTCTG
        ::::: X:::::::::: :::::::: :: ::::::::::::::::: :: :::::: ::
>hmif. ATGCCGATGTTCATCGTAAACACCAACGTGCCCCGCGCCTCCGTGCCGGACGGGTTCCTC
                10        20        30        40        50        60

                70        80        90       100       110       120
mmif    TCGGAGCTCACCCAGCAGCTGGCGCAGGCCACCGGCAAGCCCGCACAGTACATCGCAGTG
        :: ::::::::::::::::::::::::::::::::::::: : ::::::::::: :::
>hmif. TCCGAGCTCACCCAGCAGCTGGCGCAGGCCACCGGCAAGCCCCCCCAGTACATCGCGGTG
                70        80        90       100       110       120

               130       140       150       160       170       180
mmif    CACGTGGTCCCGGACCAGCTCATGACTTTTAGCGGCACGAACGATCCCTGCGCCCTCTGC
        :::::::::::::::::::::: : ::  ::::: : : ::: :: ::::: ::::::
>hmif. CACGTGGTCCCGGACCAGCTCATGGCCTTCGGCGGCTCCAGCGAGCCGTGCGCGCTCTGC
               130       140       150       160       170       180

               190       200       210       220       230       240
mmif    AGCCTGCACAGCATCGGCAAGATCGGTGGTGCCCAGAACCGCAACTACAGTAAGCTGCTG
        :::::::::::::::::::::::: :: :: ::::::::  :::::::::::::::::
>hmif. AGCCTGCACAGCATCGGCAAGATCGGCGGCGCGCAGAACCGCTCCTACAGCAAGCTGCTG
               190       200       210       220       230       240

               250       260       270       280       290       300
mmif    TGTGGCCTGCTGTCCGATCGCCTGCACATCAGCCCGGACCGGGTCTACATCAACTATTAC
        :: ::::::::: :::: :::::::: :::::::::::: :::::::::::::::::::
>hmif. TGCGGCCTGCTGGCCGAGCGCCTGCGCATCAGCCCGGACAGGGTCTACATCAACTATTAC
               250       260       270       280       290       300

               310       320       330       340
mmif    GACATGAACGCTGCCAACGTGGGCTGGAACGGTTCCACCTTCGCTTGA
        :::::::::: ::::  :::::::::: :::::::::X : :
>hmif. GACATGAACGCGGCCAGTGTGGGCTGGAACAACTCCACCTTCGCCTAA
               310       320       330       340
```

FIG. 2

start

CCATGCCTATGTTCATCGTGAACACCAATGTTCCCCGCGCC

TCCGTGCCAGAGGGGTTTCTGTCGGAGCTCACCCAGCAGCTGGCGCAGGCCACCGGCAAG

CCCGCACAGTACATCGCAGTGCACGTGGTCCCGGACCAGCTCATGACTTTTAGCGGCACG

AACGATCCCTGCGCCCTCTGCAGCCTGCACAGCATCGGCAAGATCGGTGGTGCCCAGAAC

CGCAACTACAGTAAGCTGCTGTGTGGCCTGCTGTCCGATCGCCTGCACATCAGCCCGGAC

CGCTCCTACAGCAAGCTGCTGTGCGGCCTGCTGGCCGAGCGCCTGCGCATCAGCCCGGAC

CGGGTCTACATCAACTATTACGACATGAACGCTGCCAACGTGGGCTGGAACGGTTCCACC

AGGGTCTACATCAACTATTACGACATGAACGCGGCCAGTGTGGGCTGGAACAACTCCACC

TTCGCTTGAGTCCTGGCCCCACTTACCTGCACCGCTGTTC

stop

FIG. 3

```
                10        20        30        40        50        60
mu      MPMFIVNTNVPRASVPEGFLSELTQQLAQATGKPAQYIAVHVVPDQLMTFSGTNDPCALC
        :::::::::::::::::.:::::::::::::::::::::::::::::::::.:.:...:::::
hu      MPMFIVNTNVPRASVPDGFLSELTQQLAQATGKPPQYIAVHVVPDQLMAFGGSSEPCALC

                70        80        90       100       110
mu      SLHSIGKIGGAQNRNYSKLLCGLLSDRLHISPDRVYINYYDMNAANVGWNGSTFA
        :::::::::::::::.:::::::::..::.:::::::::::::::::::::.::::
hu      SLHSIGKIGGAQNRSYSKLLCGLLAERLRISPDRVYINYYDMNAANVGWNNSTFA
```

FIG. 4

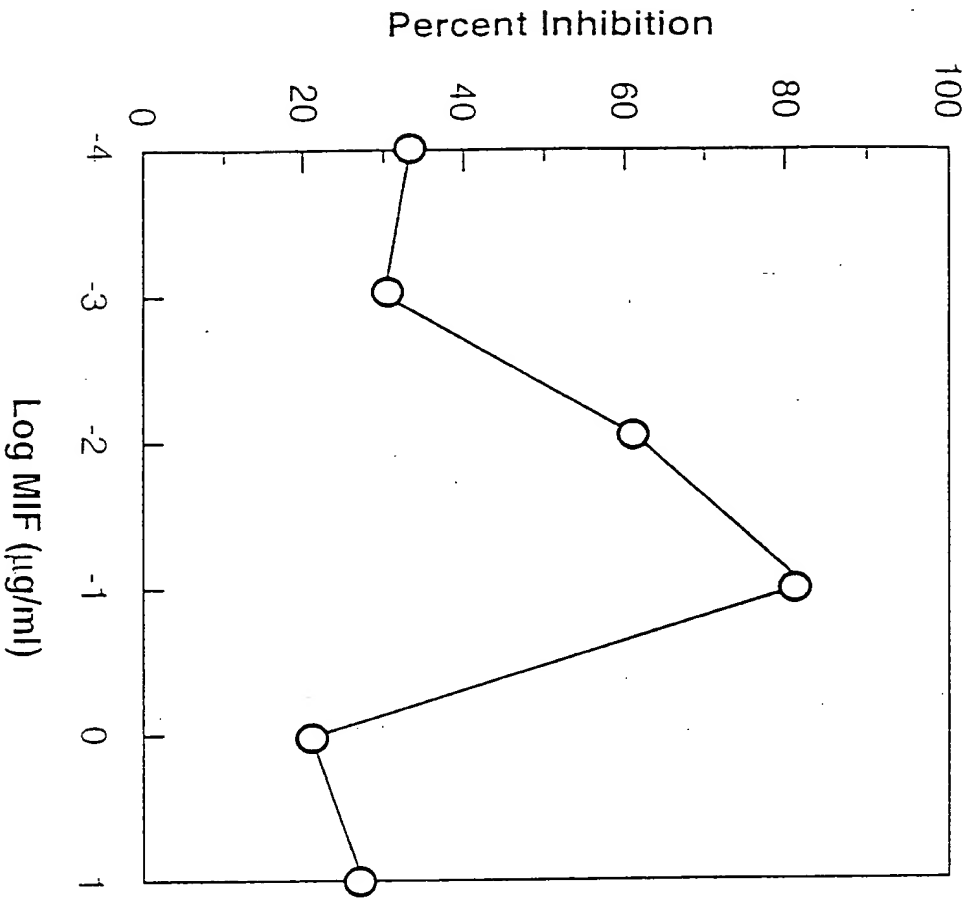


FIG. 5

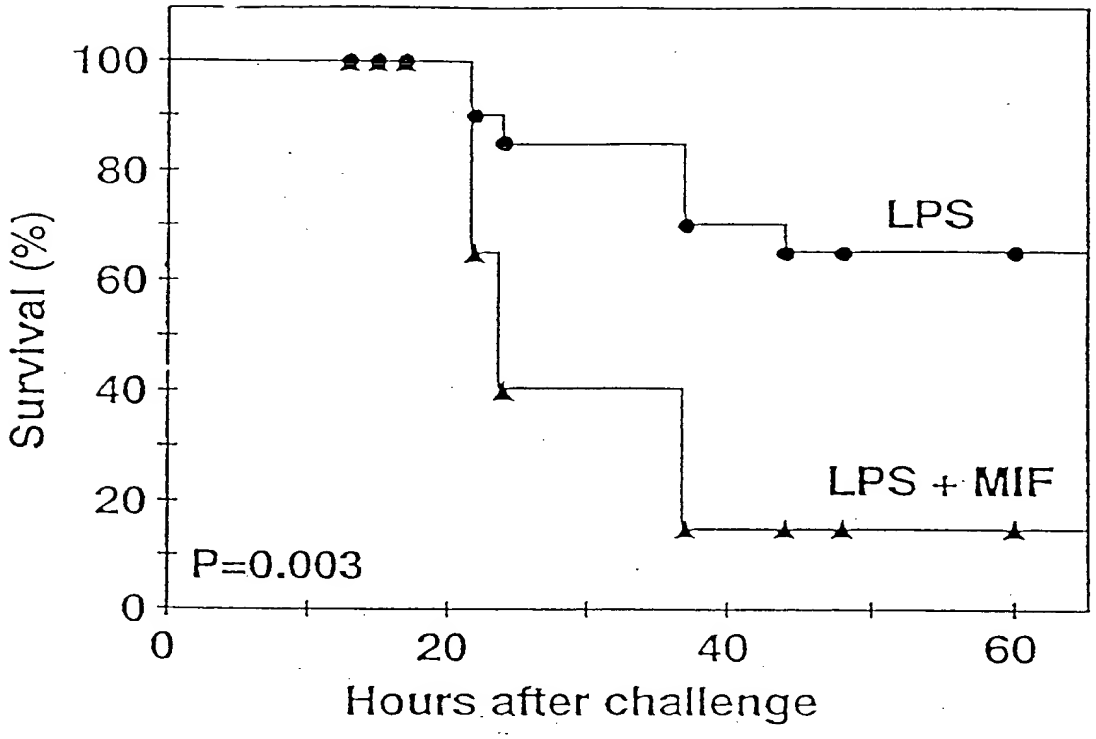


FIG. 6A

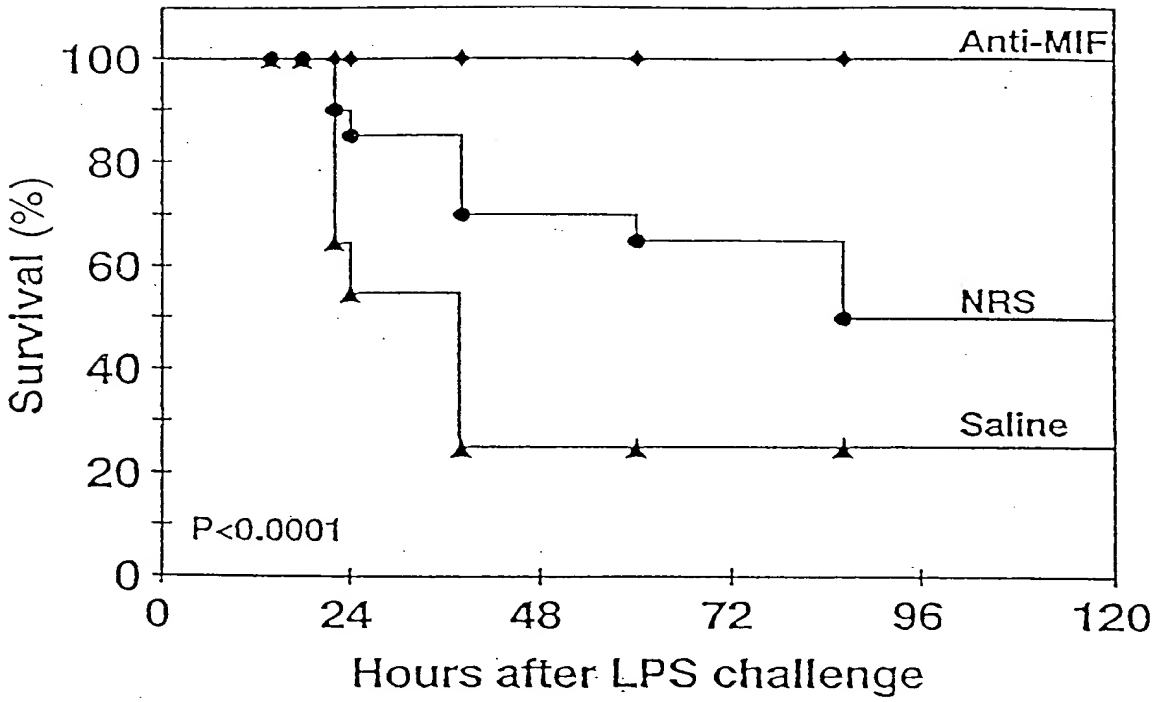


FIG. 6B

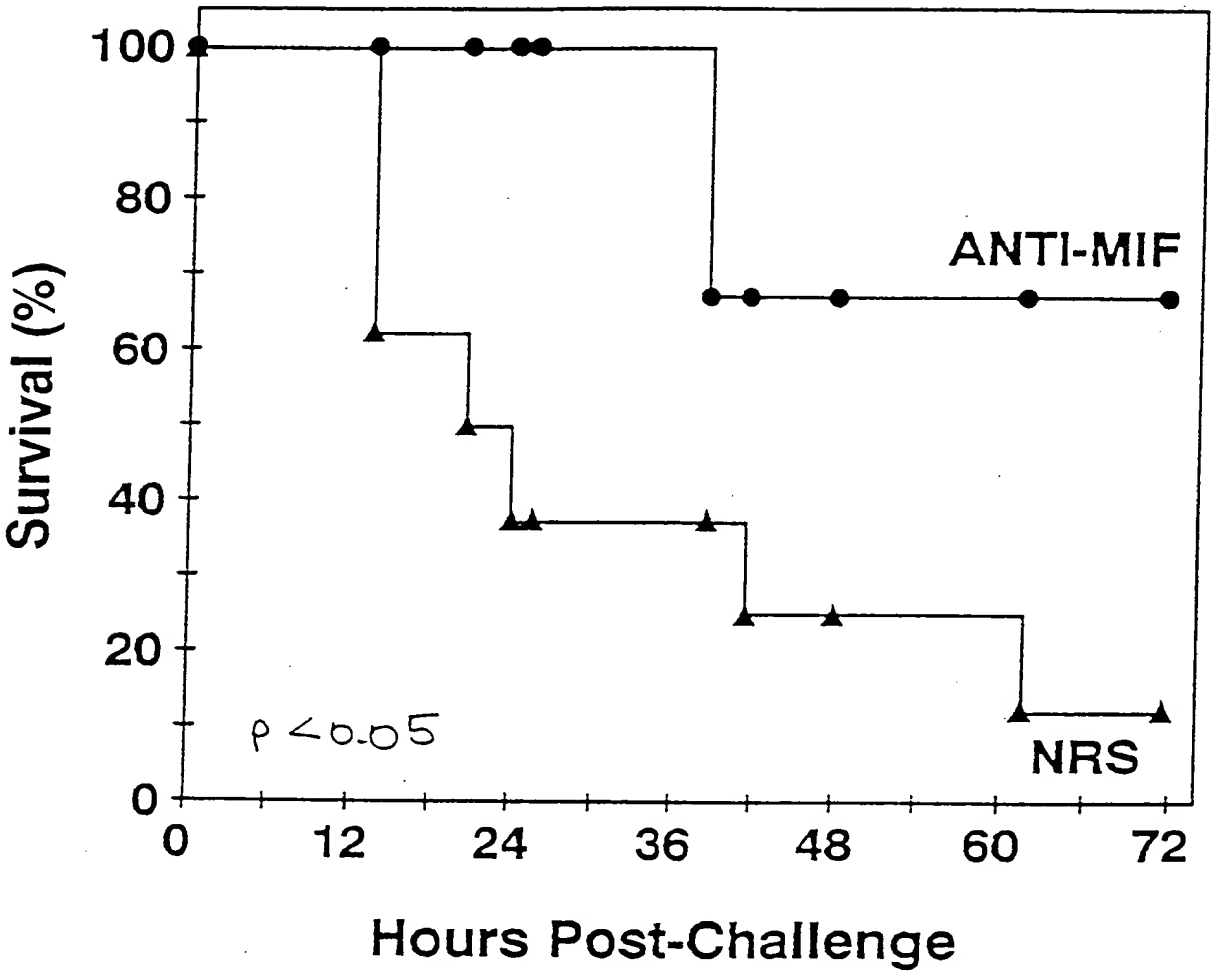


FIG. 7

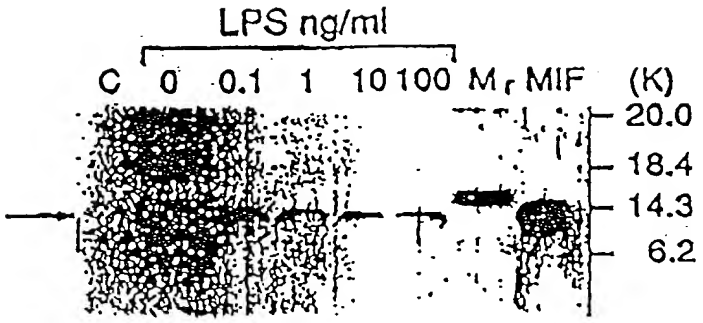


FIG. 8

FIG. 9A

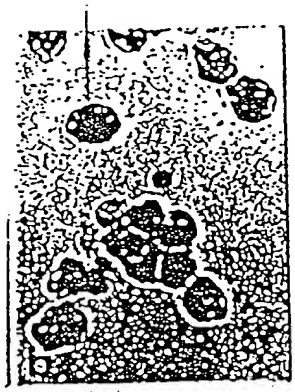


FIG. 9B

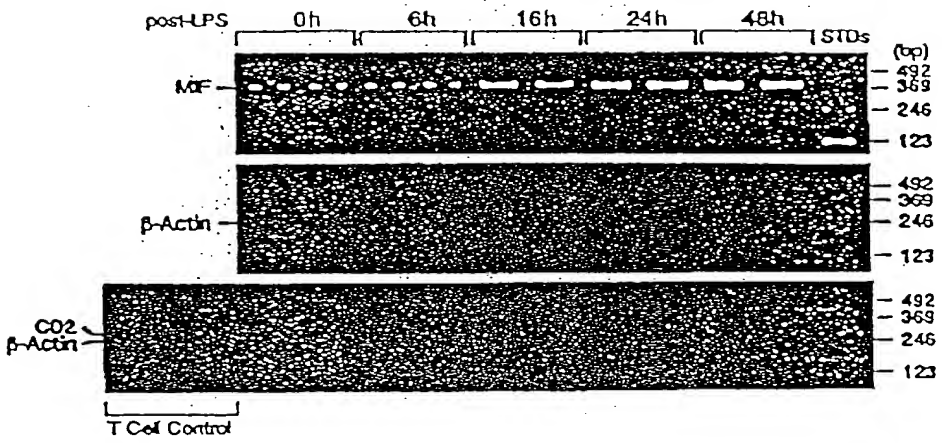

post-LPS
0h
6h
16h
24h
48h
STDs
(bp)
MIF
β-Actin
CO2
β-Actin
492
369
246
123
T Cell Control

FIG. 10

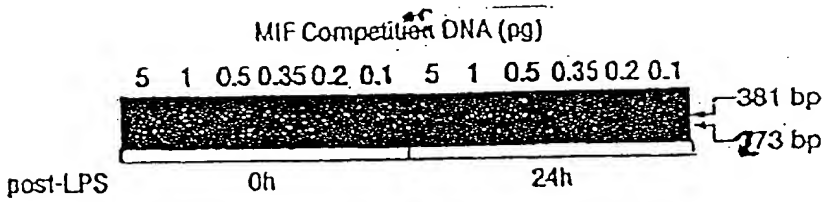


FIG. 11

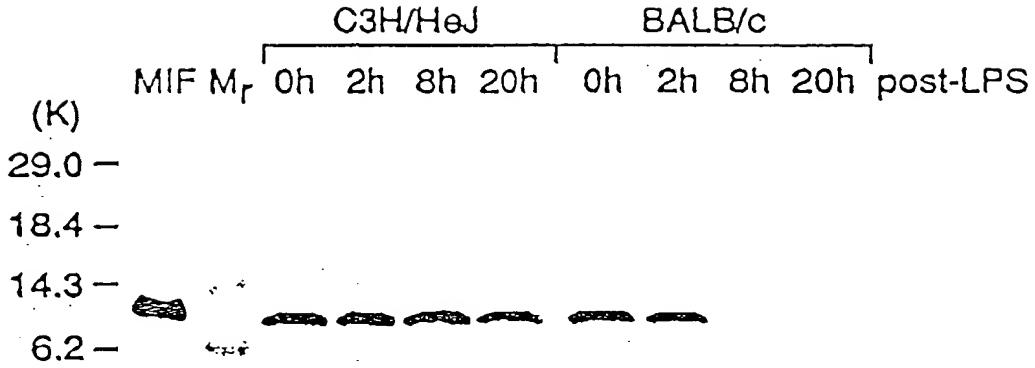


FIG. 12

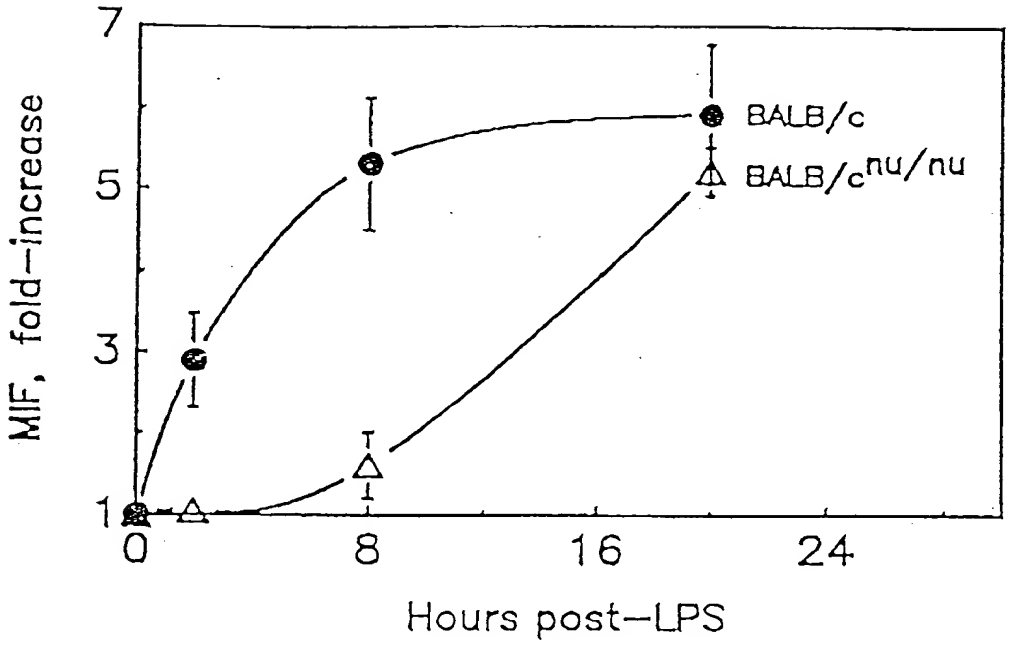


FIG. 13

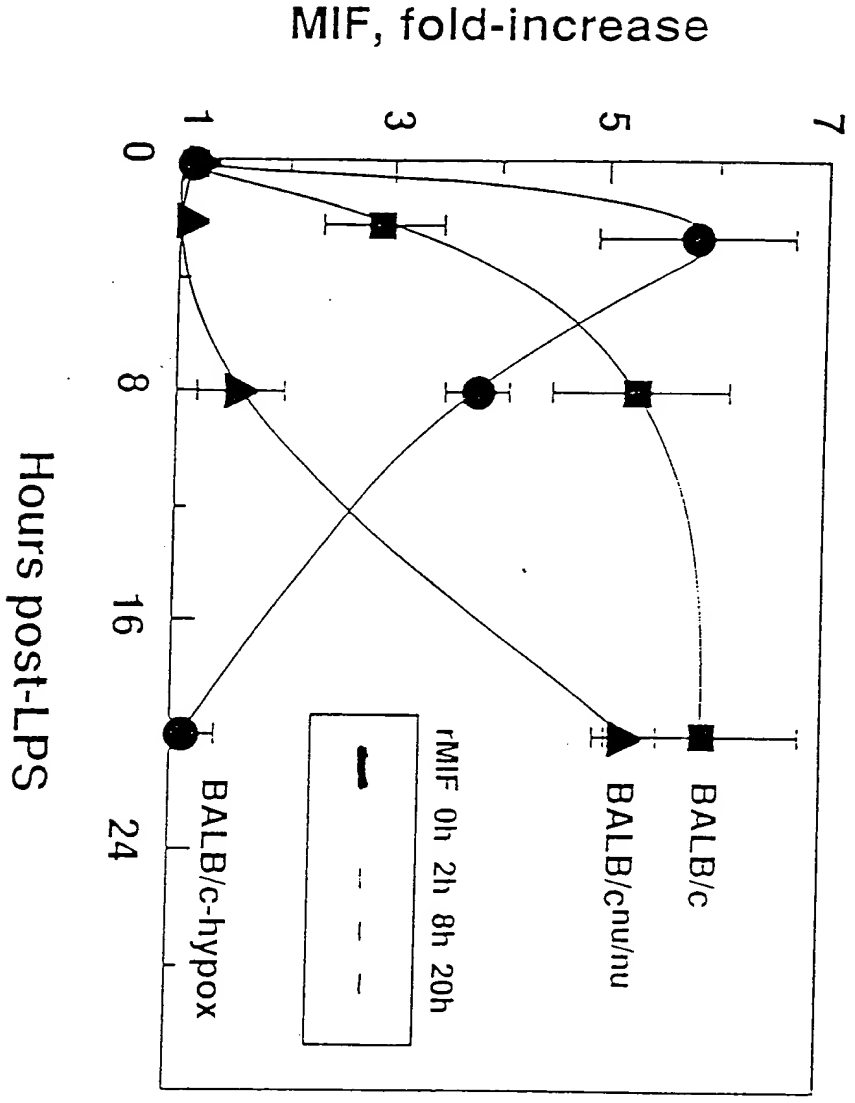


FIG. 14

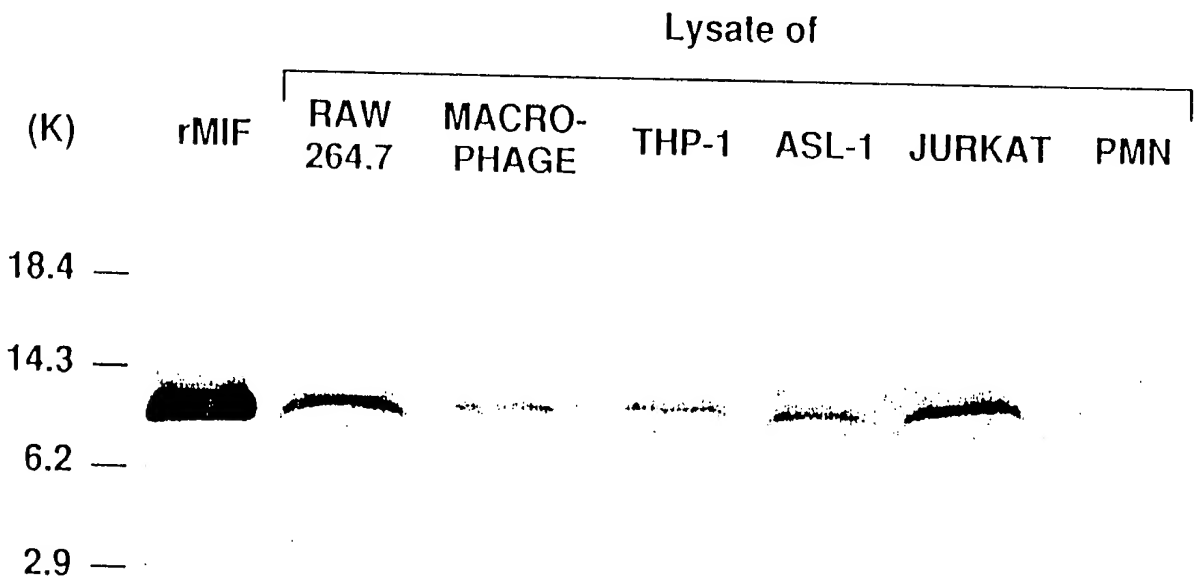


FIG. 15

FIG. 16A

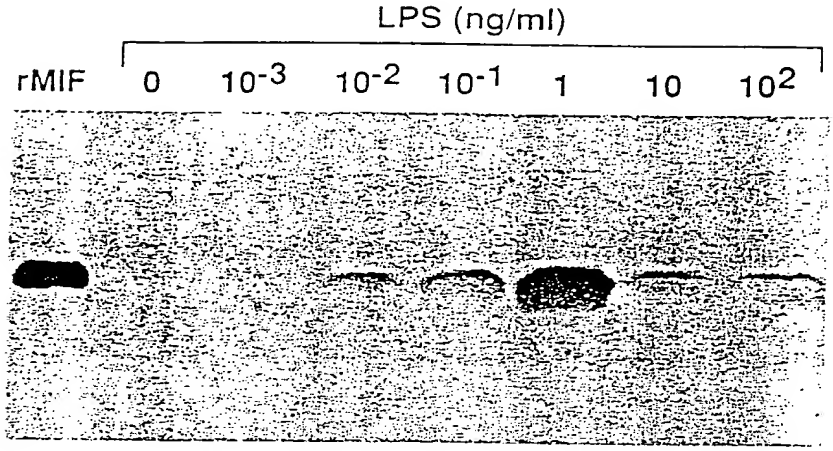


FIG. 16B

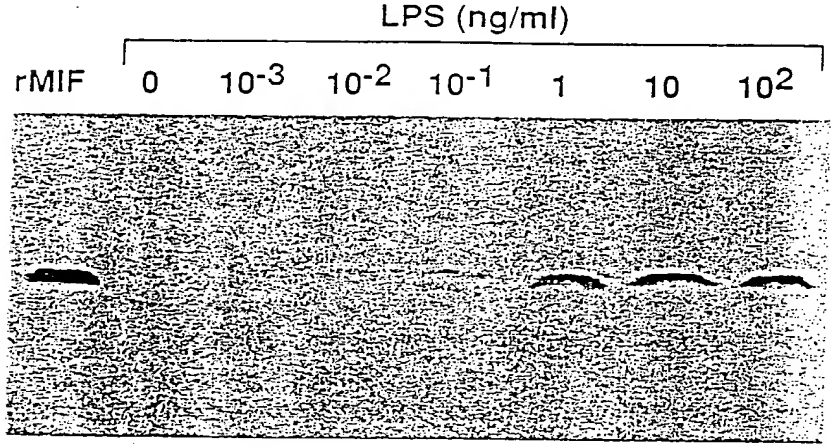
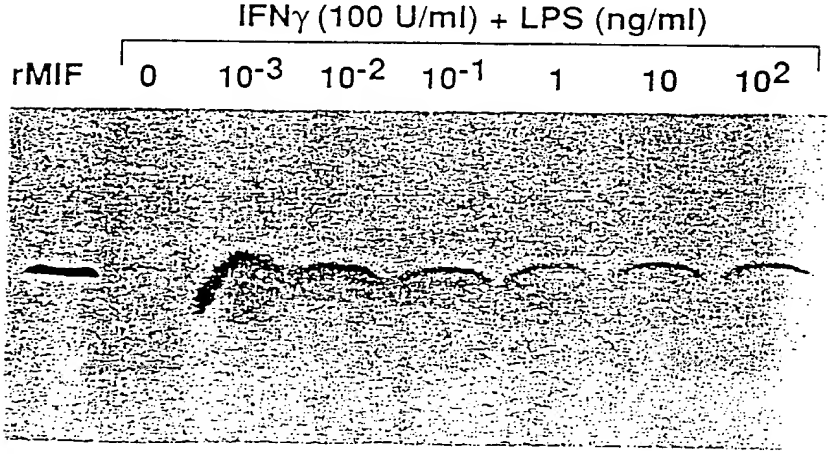


FIG. 16C



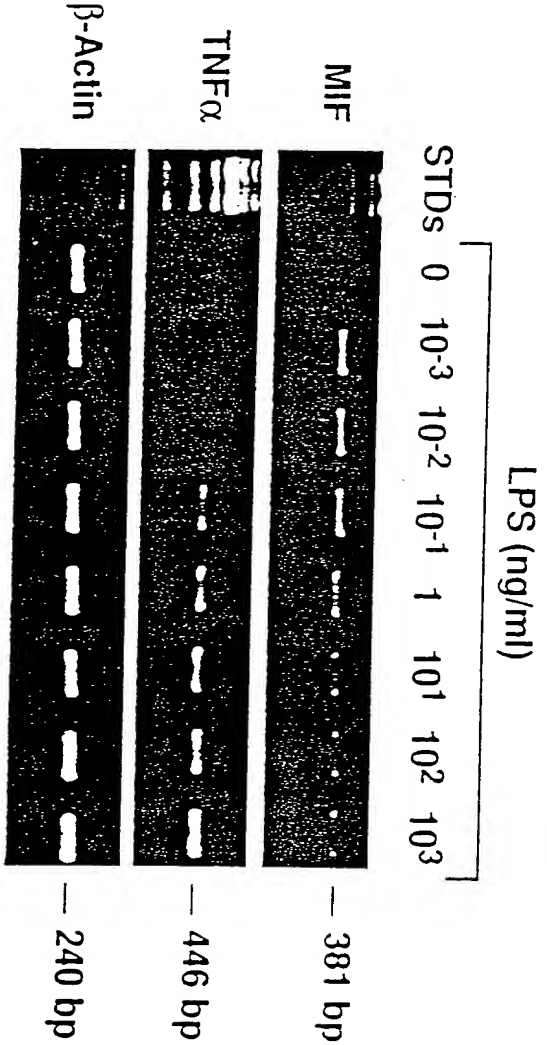


FIG. 17

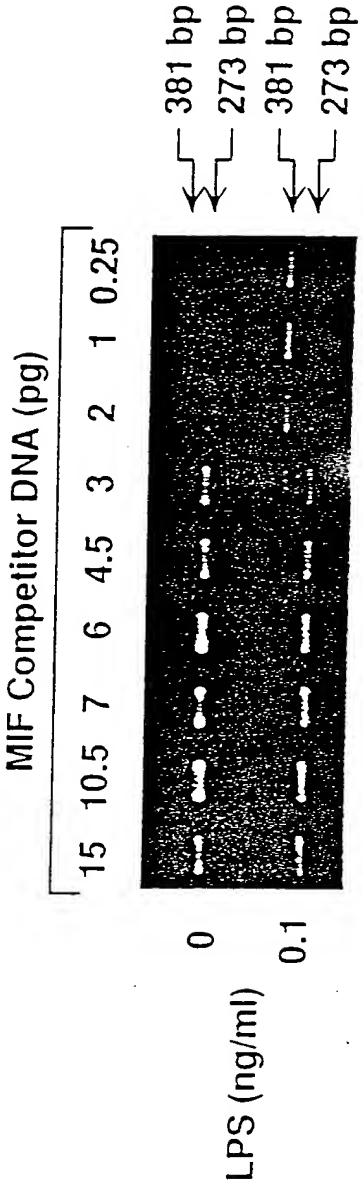

381 bp
273 bp
381 bp
273 bp
MIF Competitor DNA (pg)
15 10.5 7 6 4.5 3 2 1 0.25
0
0.1
LPS (ng/ml)

FIG. 18

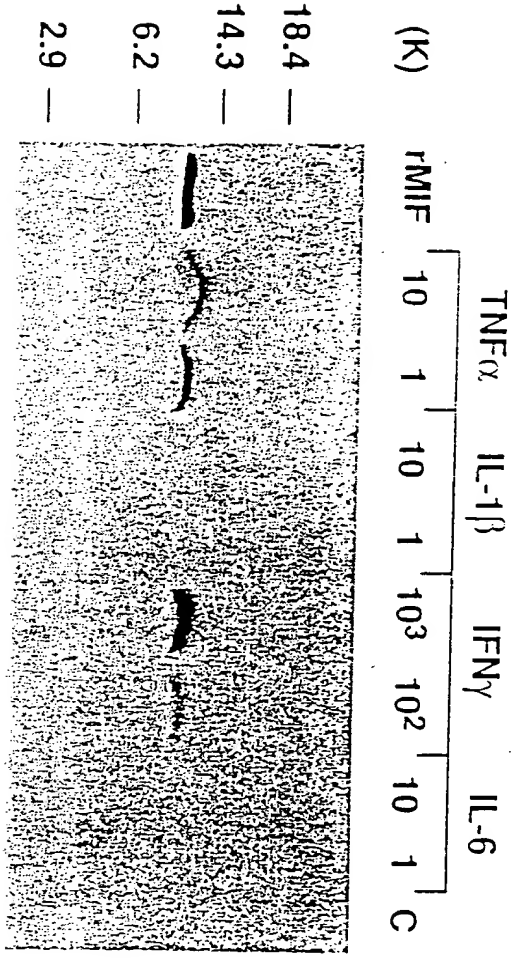


FIG. 19

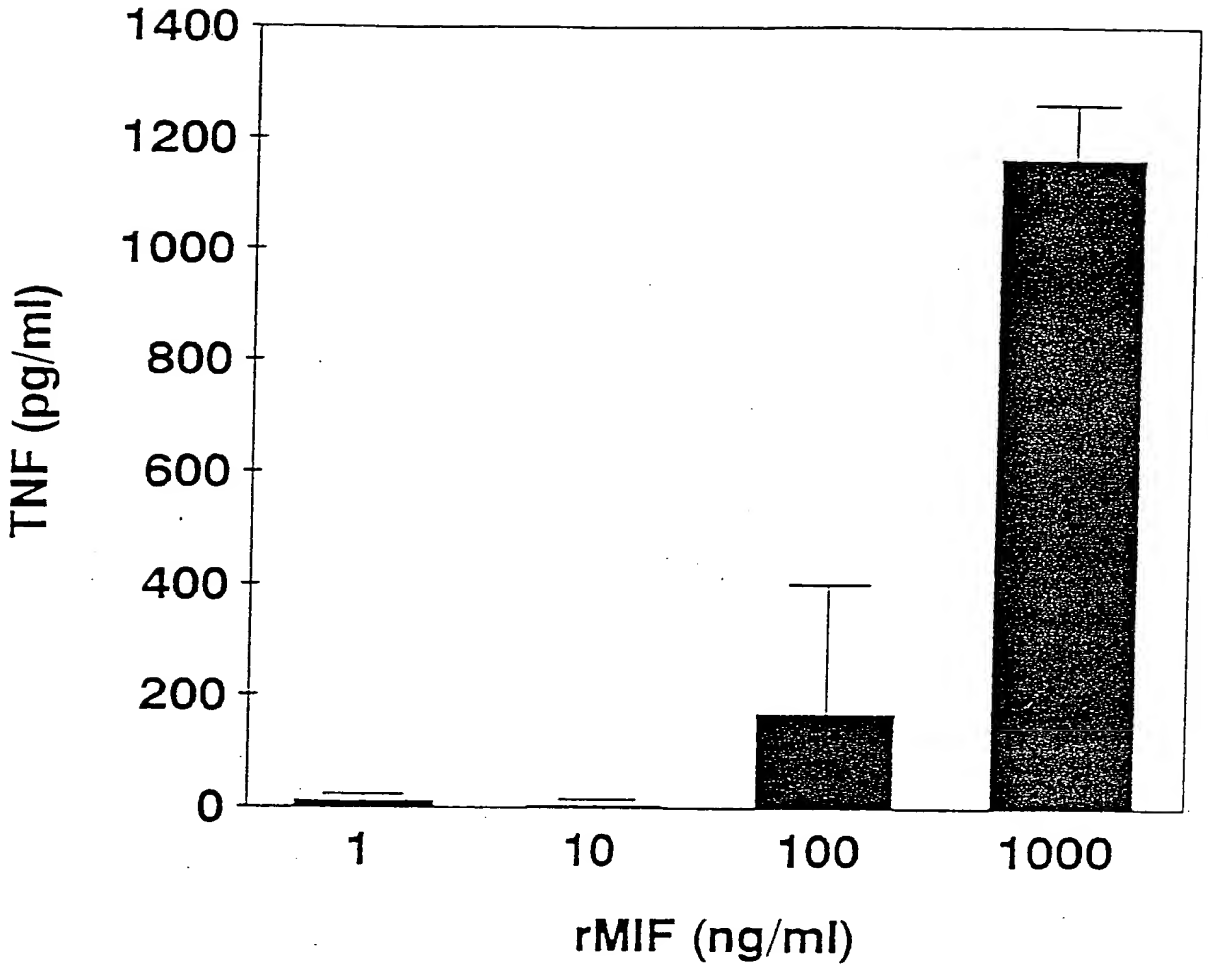

1400
1200
1000
800
600
400
200
0
TNF (pg/ml)
1
10
100
1000
rMIF (ng/ml)

FIG. 20

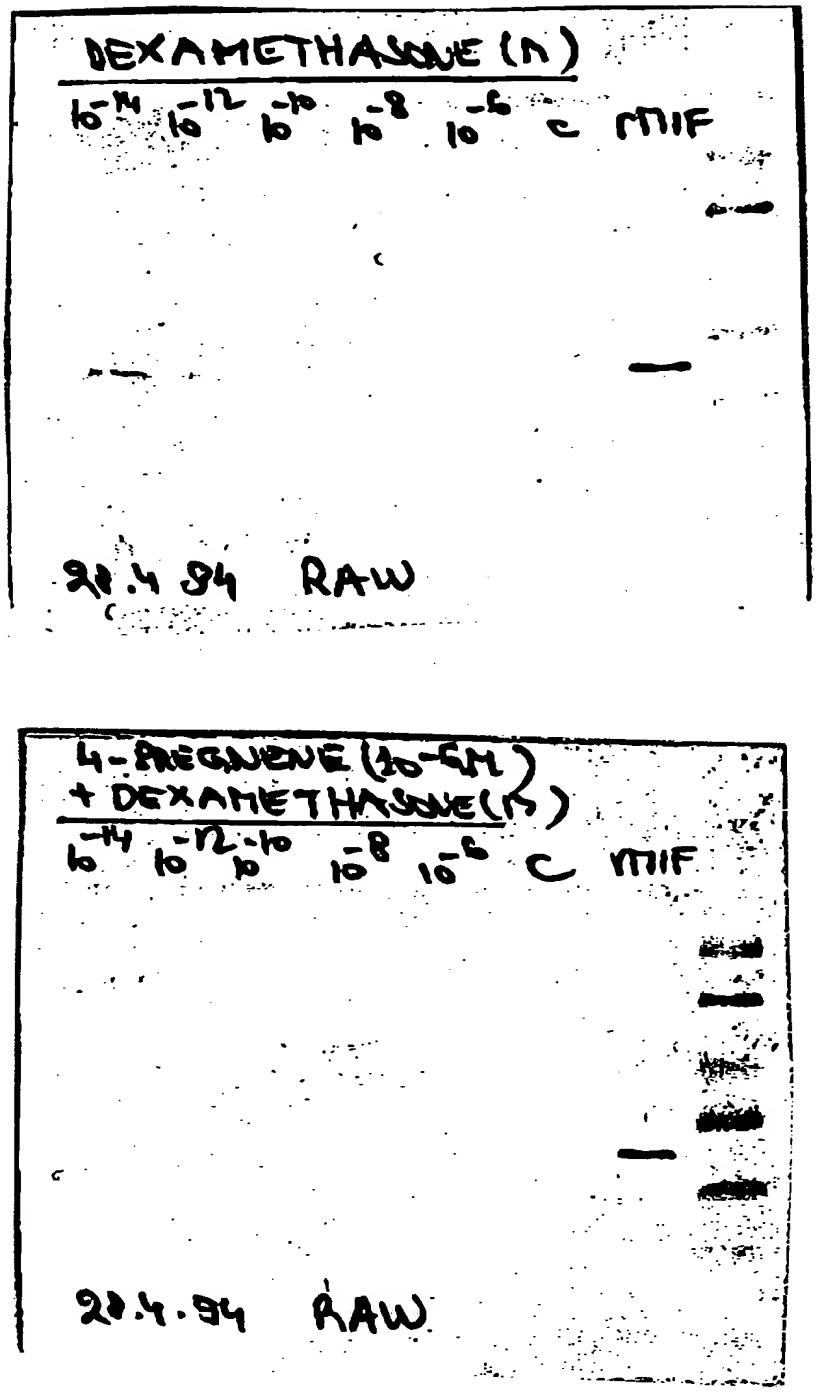

DEXAMETHASONE (M)
10-14 10-12 10-10 10-8 10-6 C MIF
23.4.94 RAW
4-PREGNENE (10-6M)
+ DEXAMETHASONE (M)
10-14 10-12 10-10 10-8 10-6 C MIF
23.4.94 RAW

FIG. 21

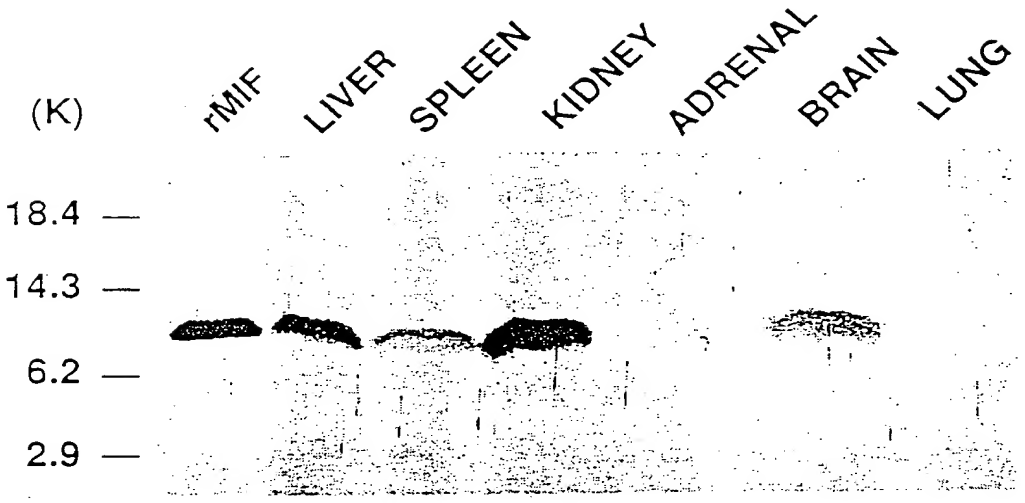


FIG. 22